From:	Valerie Oster
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Subject:	FW: Stormwater Items for EPA review and approval
Date:	03/10/2008 11:22 AM
Attachments:	Table 1 - Fall Stormwater Sediment Trap Approach Final.xls

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Chip, Eric, Kristine -

Please see below and attached.

thanks
Valerie

Valerie Thompson Oster
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From: Amanda Shellenberger
Sent: Friday, March 07, 2008 12:36 PM
To: Valerie Oster
Cc: Carl Stivers
Subject: FW: Stormwater Items - Exec Approval

Chip, Eric, Kristine - See below and attached for three items for your review and approval

Item 1 – Stormwater Sediment Trap Sample Analyses
The EPA/DEQ/LWG Stormwater Technical Team agreed today, with LWG approval, to proceed with the stormwater sediment trap sample analyses as summarized in the attached Table 1. We are seeking EPA approval to proceed with this sample handling approach and instruct the laboratories to proceed with these analyses.

Similar to the spring approach, where a number is indicated in a particular cell of this table, sediment volume will be devoted to the analyte category noted for that station. Where there is no number in a cell of the table, there will be insufficient sample to conduct an analyses for that analyte category for that station. The number value indicates the expected detection limit for that sample above the target

detection limit. Thus, a value of "1" indicates the target detection limit will be achieved and a value of "2" indicates a detection limit twice the target detection limit will be achieved. The value zero, indicates the analyte in question will be skipped over for a lower priority analyte, due to the fact that data on that analyte was obtained in the Spring 07 event.

Item 2 – Use of sediment from WR-96 Arkema Outfall

The EPA/DEQ/LWG Stormwater Technical team suggested the use of sediment collected from within the outfall structure at Arkema WR-96 for sediment sample analysis since the sediment trap bottles had no measurable sediment but there was a large amount of sediment accumulated around the bottles. Sediment was collected using a stainless steel spoon and transferred into a glass jar from the outfall near where the sediment traps were installed at WR-96. This sediment is currently archived in the field lab pending EPA approval to send it to the laboratory for analysis.

Item 3 – Completion of Stormwater Sampling

After the completion of Round 3A Upland Stormwater Sampling in spring of 2007, the stormwater technical team discussed data gaps and proposed additional sampling starting in Fall 2007 to fill final important data gaps in composite water samples and sediment traps. The sampling effort for this second round of sampling was detailed in the Round 3A FSP Addendum Stormwater Sampling. The second round of stormwater sampling was completed at the end of January.

FSP Addendum requirements for composite stormwater sampling were met at nine of the ten sites, including one Port of Portland site. At one site, Sulzer WR-4, only two composite sample events were collected, with all required analytes measured twice except for herbicides which was measured once.

FSP Addendum requirements for sediment trap samples called for collecting sediment at 14 sites, and sediment was collected at eleven of these sites. No information was available for the Port of Portland site WR-169. At one site, Sulzer WR-4, it was not feasible to collect sediment. At another site, Arkema WR-96, no sediment was collected in the jars, so sediment was collected from within the catch basin and archived for possible analysis. At the 11 successful sites, sufficient sediment was collected to conduct all analyses at 5 sites. For the remaining six sites, in most cases the majority of the analyses will be conducted using the priority analysis order discussed in the FSP.

On this basis, it is the opinion of the LWG that the objectives of the stormwater sampling program as outlined by the original Spring FSP and Fall FSP addendum have been met and no further stormwater or inline sediment trap sampling needs to be conducted.

Thanks.

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